July 2. Joan and the children left for Boston and Robert returned to Charlottesville.

I started writing replies and we went to shop for a radio.

July 3, 4, and 5. A little gardening and writing letters, which Lucille typed.

July 6. do. Arthur Thorne repaired the concrete slab at the side of the back porch and the first step down the stairs.

July 7. Retirement letter replies.

July 8. More letters and shopping for a Zenigh transoceanic radio at Bethesda. In the early evening Mr. and Mrs. Dykes came down with the Oxford English Dictionary.

July 9. I covered the 13 volumes of the O.E.D. with plastic and wrote more replies to retirement letters. We had dinner chez Mary Alice for Randall's ninth birthday.

July 10. Treated lawn for billbugs and worked on letters and sorting papers.

July 11. Some gardening and sorting papers to file.

July 12. Mailed all of the retirement letter replies and alphabatized the letters. Robert, Joan, and the children came.

July 13. Robert, Joan, and the children left a little after noon. We alphabatized the carbons of the replies.

July 14. Mostly gardening and watering.

July 15. Worked for a time in the garden and then on the Soil Survey Manual.

July 16. Soil Survey Manual notes finished for dictation in town. Started to assemble c v for binding.

July 2. Joan and the children left for Boston and Detroit returned to Charlottesville.

I started writing replies and we went to shop for a radio.

July 3, 4, and 5. A little gardening and writing letters, with much idle talk.

July 6. Mr. Arthur Thorne received the concrete slab at the side of the back porch and the first step down the stairs.

July 7. Retirement letter replies.

July 8. More letters and shopping for a Zenith transoceanic radio at Delmonte. In the early evening Mr. and Mrs. Dykes came down with the Oxford English Dictionary.

July 9. I covered the 13 volumes of the O.E.D. with plastic and wrote more replies to retirement letters. We had dinner down this night for Randall's birthday.

July 10. Treated lawn for billbugs and worked on letters and sorting papers.

July 11. Some gardening and sorting papers to file.

July 12. Mailed all of the retirement letters and alphabetized the letters. Robert, Joan, and the children came.

July 13. Robert, Joan, and the children left a little after noon. We alphabetized the cartons of the replies.

July 14. Hourly gardening and sorting.

July 15. Worked for a time in the garden and then on the Soil Survey Manual.

July 16. Soil Survey Manual notes finished for delivery in town. Started to assemble it for binding.

July 17. Gardening in the morning and worked on c.v. assembly.

July 18. Garden part of the day. Bill Johnson came for dinner.

July 19. To Dr. Weinstein for eye examination.

July 20. To my old office and dictated considerable comments on the poorly written chapter on interpretations of the Soil Survey Manual. Conferences in the Service and FAO.

The Dykes had dinner chez nous to celebrate Jefferson's birthday.

July 21. Worked on books and papers for filing.

July 22, and 23. Worked on getting c.v.prepared for binding and worked on another chapter of the Soil Survey Manual.

July 24. We trimmed the iry on the walls and did other garden work.

July 25. Cleaned the garden; staked several plants; and completed the c v for binding.

Bill Johnson had dinner chez nous.

July 26. Got new reading glasses; located top soil; and took the four volumes of the c v and two other books to Mr. Miller for binding.

July 27. A little in the garden and some writing.

July 28. NAL in the forenoon and gardening in the afternoon.

July 29. To my old office. Checked again with Cottam about my check from FAO. Went to Dr. George Irving's simple retirement party.

July 30. Worked on Soil Survey history files. The 1950 Ford goes out.

July 31. Gardening part of the day. In the evening went to the Austin's for a large party for Dr. and Mrs. Cline.

July 14. Gardening in the morning and worked on G.V. mainly.

July 17. Garden part of the day. Bill Robinson came for dinner.

July 19. To Dr. Weinstein for eye examination.

July 20. To my old office and cleared some of the cobwebs on the poorly written chapter on interpretations of the Soil Survey Manual. Conferences in Ann Arbor and DAO.

Dee Wesson and Arthur Shaw came to color the terrazzo at Hardy.

July 21. Worked on bookkeeping papers for filing.

July 22, and 23. Worked on revising G.V. prepared for binding and working on another chapter of the Soil Survey Manual.

July 24. We trimmed the ivy on the walls and old other garden work.

July 25. Finished G.V. (about) stated several plants; and completed the G.V. for binding.

Bill Robinson had dinner here here.

July 26. Got new reading glasses; looked over mail; got book, the four volumes of the G.V. and two other books to Mr. Miller for binding.

July 27. Did little in the garden and some writing.

July 28. Met in the forenoon and worked on the office.

July 29. To my old office. Checked again with Cobham about my check from Ind. Went to Dr. George Irving's simple remembrance party.

July 30. Worked on Soil Survey History Film. The 1950 Dee year end.

July 31. Gardening part of the day. In the evening went to the Auslin's for a large party for Dr. and Mrs. Cline.

CONFERENCE ON EXPANDING WORLD NEEDS FOR FOOD AND FIBER AND THE PROTECTION OF THE ECOSYSTEM

BIOGRAPHIES

MARTIN E. ABEL
Professor, Dept. of Agriculture and Applied Economics, University Farm, St. Paul, Minn. Research Associate, Dept. of Agriculture Economics, Univ. of Minn. 1960-61. Research Service, U.S. Dept. of Agriculture, Washington, D.C.

LESTER R. BROWN
Senior Fellow with the Overseas Development Council. Was Administrator of the International Agricultural Development Service of the U.S. Dept. of Agriculture 1966-69. Also Advisor to the Secretary of Agriculture on world food needs and problems of agricultural development.

JONATHAN GARST
Agricultural Consultant. Author. Consultant-Dept. of Agriculture, Washington, D.C. Regional Director in California in charge of farm rehabilitation and migrant labor camps. Fertilizer advisor to Russia, Romania and Poland, also consultant to Iran, Pakistan and India- 1964.

NORTON GINSBURG
Professor of Geography, University of Chicago. Author.
Member UN Missions to Japan-1960.
Associate Dean-Social Sciences, University of Chicago.

HARDIN, Charles
Director, International Agricultural Institute and Professor of Political Science University of California, Davis.

EARL O. HEADY
Professor of Economics, Curtiss Distinguished Professor of the University, Executive Director of the Center for Agricultural and Economic Development, Iowa State University. Was Consultant to the Agricultural Marketing Service of the U.S. Dept. of Agriculture, and Consultant to Office of Agricultural Experiment Station of the U.S. Dept. of Agriculture. Consultant to Romanian Agricultural Economics Research Institute, 1969.

JIMMYE S. HILLMAN
Head, Department of Agricultural Economics, University of Arizona, Tucson, Arizona.

W. DAVID HOPPER
President, International Development Research Centre, Ottowa, Canada. Consultant to the IBRD (World Bank) and member of "Bell Mission" on Indian Economic Development, New Delhi, India and Wash.,D.C. Consultant to FAO on Asian Agricultural Development and the indicative World Plan. Consultant to government of Kenya on problems of Agricultural Product Marketing and price policies.

LAWRENCE I. HEWES, JR.
Vice President, Planning & Development Collabrative International, Wash. D.C. Senior Consultant, United Nations Development Program and on Economic Management to the World Bank. Assignments to Ethiopia and British Honduras. Author.

D. GALE JOHNSON
Professor of Economics, University of Chicago.

DR. CHARLES E. KELLOGG
Deputy Administrator for soil conservation service, U.S. Dept. of Agriculture. As guest scientist he has travelled and worked with soil scientists and other agricultural scientists in the Belgian Congo, Australia, New Zealand, Canada, Israel, Ghana, India, Viet Nam and The Netherlands. Author. He received the Distinguished Service Award with Gold Medal from the U.S. Dept. of Agriculture in 1950.

EMIL MRAK
Chancellor, Emeritus, Professor of Food Science, Emeritus University of California, Davis, Calif.

D.F. PETERSON
Dean, College of Engineering, Utah State University, Logan, Utah

THEODORE W. SCHULTZ
Professor of Economics, Emeritus, University of Chicago. President, American Economic Association-1960. Advisor, Dept. of Agriculture, Commerce, Defense, Health, Education and Welfare, State. Sometime Consultant to Ford Foundation, Rockefeller Foundation, Carnegie Corp, RAND Corp, Brookings Institute and others.

PERRY R. STOUT
Professor of Soils and Plant Nutrition, University of California, Davis. Was Director, Kearney Foundation, soil science-1954. Chairman, Department, Soils and Plant Nutrition at Berkeley. Fulbright Scholar, Commonwealth Science and Industrial Res. Organization, Australia-1955.

EARL SHAW
California Fertilizer Association, El Monte, California

August 1. A bit in the garden. In the afternoon we went to get the books from the bookbinder.

August 2. A bit in the garden. Sorted out pictures from my office. Sold the 1950 Ford. Robert and family came about 6:30 and Mary Alice, Bob and children joined us for dinner and the evening.

August 3. Talked with the folks a little and in the late afternoon Mommy and I took them to Friendship Airport on the first leg of their journey to Iceland, England, Ireland, Scotland, and Iceland again.

August 4 and 5. Worked mainly on the old and new files.

August 6. Went in to my old office and helped brief Dr. McClelland and his team departing for the USSR including the New Lands and the experimental stations at Shortandy, which I visited in 1958. In the evening Clines had dinner chez nous.

August 7. In the garden and some writing.

August 8. (Sunday). After a bit in the garden Mommy took me to Friendship Airport for the trip to Santa Barbara, California where I was to take part in a conference on expanding world needs for food and fibre and the protection of the ecosystem sponsored by the Center for the Study of Democratic Institutions/ The Find for the Republic, Inc.

I was in the air about 12:10 EDT and arrived in San Francisco at 2:15 PDT. There there was trouble with the early plane and I switched to a later United plane to Santa Barbara. I was told that I got the last seat. We were down in Santa Barbara about 5:20. Mr. E. Weschke met me and took me to our place of residence on a mountainside about 2 1/2 miles from the Center.

My room was #2 in Canyon Cottage. Next to my room were Dr. and Mrs. Emil Mrak, Chancellor Emeritus and Prof. of Food Science at the University of California, Davis.

I met several of the people and went to bed right after dinner, which came late in this place. It was very hot there and I had a little trouble sleeping.

August 9. We had breadkfast near the foot of the hill. I never found out why the conferences at the Center rarely started before 11:00 and stopped at 3:00 p.m. with a long lunch break. There was one large car operated by the Center and then personal cars of participants living in or near California.

We went to the Center and the program got under way about 11:00.

Dr. Schultz talked mainly about interactions and started out with a discussion of the food supply in Europe during the past 1,000 years. He emphasized big families among poor people for social security. In fact he almost gave my 1963 paper at Geneva and said so.

Improved farming gives cheaper food and consumer surplus. What should some of this surplus be used for? Education? Health? He claimed more research for household management was needed.

He explained that consensual marriages with delayed legal marriages reduces the birth rate. This system makes it possible for both to work. Then they have the legal marriage and their children.

He insisted that the cost of contraceptives was ~~extremely~~ extremely high for poor people. He also said that for very poor people a nursing baby is the only beautiful thing they can produce. For the same reason they have more puppy dogs because they are beautiful.

After considerable discussion we went to lunch. Presumably all of the discussion was being recorded and with some editing would be later available.

After lunch my paper came. During the paper I gave a definition of soil and showed how it is a more precise and quantitative equivalent of the recen term "ecosystem." I emphasized the need for jobs, town-and-country planning, and revised tenure. I pointed out that statistics for the ldc's were essentially worthless. The main points that I stressed were in my papers given at FAO in June, 1971

Gingsburg made a silly comment about urban-rural relations. But Lord Ritchie Calder took care of him.

Dr. Peterson gave a pretty good talk on water but tremendously overemphasized irrigation and omitted the great potential of surface water control in areas of short dry seasons. (Check the Koran that one must not sell water.)

He made a few errors. Certainly people did not irrigate 10,000,000 years ago although possibly they did 10,000 years ago. He did make a good point of having some big dams for hydroelectric power to use pumps in villages with ground water supplies.

Peterson also said that we should not plan on how people should react but should plan so that they had alternative opportunities.

Then Lester Brown spoke with many bold statements that were partly true but mainly false. He didn't realize that most commercial farming has improved soils. He made absurd statements about the New Lands. He said that we have enough knowledge of nutrition for firm public policy, which is not true, and so on.

Enough of the other people took care of his silliness that I didn't have to speak.

We were back in the room at 3:30 for reading.

I had a nice dinner with Mr. and Mrs. Hewes.

August 10. The sessions began as the day before presumably to discuss the papers given then. It came out that the economists had a fancy new word, "externalities." Hillman gave me a definition: "Costs of operating firms and/or industries which are external to the operation; e.g. cleaning up the air after copper smelters, cleaning up rivers after their pollution by chemicals etc. The industry does not internalize these costs, but "society" pays." This definition sounds nice but actually they mean the important factors what they do not understand, or for which they lack data. Since they can put these in their models the failures of these models to reflect the situation is passed off as "due to externalities."

W. David Hopper talked on and on and on.

Then lunch.

Martin Abel presented his paper. Unbelievably he told his story without any reference to other resources and industries to share the cost of the infrastructure and without any reference to the foreign exchange potentials of the many important non-food crops of the tropics.

He did emphasize research and the need of inputs and marketing for outputs.

This lead to some discussion of large tractors versus small ones. A government can in various ways subsidize either one kind or another with enormous implications to farm size. Usually such subsidies should be removed. This discussion lead at several occasions later to the old arguments about "capital intensive" versus "labor intensive" farming. Yet it was pointed out by some of us that some kinds of farming on some soils can be successful only with heavy tractors. Where such situations

exist managers need to know how to organize. In places this means the organization of large masses of workers to get labor intensity. Time and motion studies are needed. If one assumes that all people are going to be looked after it may be much cheaper, where possible, to use labor intensity rather than capital intensity.

Schultz said that capital use should be limited to high rates of return both socially and financially.

Of course the third way out of this dilemma is for tractor owners to do hire work for several small farms.

Several agreed that in some countries political reform must preceed economic reform.

I reflect that so far most papers were narrow within the speaker's field. The words "farming" and "agriculture" were hopelessly confused.

August 11. It turned a bit cooler. The conference began at 11:00 to discuss the papers of Abel, Hewes, and Hopper. Hewes started off about the failure of USAID: 1. It is highly political with frequent changes in leadership; 2. Only annual funding; 3. Many felt that start should be made in heavy industry and ignored farming; 4. Completely subject to foreign policy. (He said that AID in South Viet Nam spent $27/person and 27¢/person in India.)

The British money went to British Africa. He said that the French money goes mostly to North Africa. But he was wrong on that.

He said that the World Bank and USAID had far more money than FAO. He also said that if a country wanted a large dam they would get it.

He said that land tenure could prevent improved farming and that this was essential for the progress made in Japan, South Korea, and Mexico.

He said that Diem's land reform failed because the law allowed the owner to keep 100 hectares. Thieu changed the law to call for complete expropriation up to 8 hectares. For this he got support in the country and opposition in the city.

In June, 1970 Hanna asked all AID missions about land reform. Most replied that it had nothing to do with farm improvement or production! (One in Brazil favored it a little.)

He said land reform fails without a good advisor service.

He also said that it would do nothing about labor reduncancy but that it would with town-and-country planning, which he misnames "urban-rural development."

He said that starting certain crops leads to trade restrictions in other countries.

Then he went off on the Aswan Dam which wasted a lot of time.

Then I spoke on town-and-country planning. Gingsberg and Hillman claim that there is no evidence that this works. So I gave them the examples that I could remember and Ritchie Calder supported me.

I did agree that in poor countries the scarce capital should be put where it would do the most good. Development is a change in the allocation of resources by social and political means. And the local politicians know this.

Hopper talked about institutional development being primarily political. The elite hold the power. They favor local planning only so that the people will understand the bovernment plan.

Along about here I blew up and gave a speech on who we were working for. And so on.

In the Book start out with jobs for all. He leaves out completely common law and the anthropology back of the politics.

After lunch Gail Johnson spoke. He said that $40,000,000 is spent in industrial countries to protect and maintain prices, not including research. This is a cost to the consumer. Japan's price to farmers for rice is 3 times the world price.

The U.S. total cost is probably about the same as we should have under free trade. U.S. people will not tolerate food destruction. With free trade more food would be consumed in the industrial countries.

Norway alone of the advanced countries does not grow and subsidize sugar beets.

It would be foolish for the ldc's to increase food grains much over local needs.

In the evening we went back to the Center for a banquet where He was made a good talk.

Finally to bed very late.

August 12. It was cooler. On the way to the Center Hillman asked me to come to Arizona for a speech in the winter.

The session started and Hillman began. Early in his talk he spoke of "important substitution."

He recommended choosing the least disturbing of the alternative plans. He talked about the planning and management for change. Yet he omitted to say that many potentially productive farms could be farmed only with a drastic change.

He pointed out the need for land reform in Brazil. Otherwise we would be accepting the present scheme of American companies fixing prices on tractors for the big farms.

Then Hopper talks and talks and talks. He said India was afraid of control and said in effect "write us a check." He said that Canada calls her grants loans at low rates of interest with 50 years for repayment.

Here he said that giving countries are in a quandry: (1) to do what the elite in the country want; (2) to insist on programs of social justice.

He said that economists fail because they have no "weights" for health and so on.

If the world can feed 6,000,000,000 people, why cannot the United States feed the people in Harlem, Newark, or Mississippi.

Laucks advocated that we use chemical foods and said that we were about at the end of our soils. He was very old and I let it go.

After lunch Heady talked. Most everything he said was absurd. He said the American Agriculture was a great plan. He said that farming contributes more pollution to the Mississippi River than do all the cities along it!

He wanted to abolish all price supports and all tariffs on food. He made a lot of other silly statements.

Jonathan Garst went after him, and also after AII. He said AII had an unblemished record of total failure.

He also said the "education is the last resort of the procrastinator."

He thought the government should require a license with suitable restrictions for any firm feeding more than 1,000 head of cattle. This went on and on with great humor. Hardin promised to send me that transcription as soon as possible.

Heady could not answer and did not try.

After the session I thanked Mr. Garst because I had been afraid that I would have to make the answer and since I had just blistered one of his books I didn't want to.

At Hardin's suggestion we went to a place in Santa Barbara for dinner which took a long time.

August 13. Dr. Mrak made an excellent talk on pesticides and other chemicals. For some time he said, the limit for H_g was .5 parts/million but with the better methods they can get more of the H_g that escaped them before yet they kept the same limit. Because of some of these limits the big chemical companies are now dropping research for new pesticides. Much of his discussion was based on a recent report of the government. I relaxed and listened since he promised to send me a copy.

He raised the question: Why should the people of New York State spend $2,000,000,000 to change the Hudson River from the world's largest and cheapest sewage system to the world's largest and most expensive swimming pool?

Three of us had lunch with some reporters.

After lunch Dr. Stout gave an excellent paper on nitrogen and other fertilizers. It was one of the best I ever heard.

I went back to the lodge rather early. Most had already left so I had a lonesome dinner and a very slow one.

I packed up in the evening and read.

August 14. I was up about 5:00, finished packing, ate breakfast of 2 bananas and a roll with a little dash of prune juice.

The driver was supposed to be there at 6:00 but he was late. The little airport was packed solid. But we pulled out only 10 minutes late.

I was in the Los Angeles airport at 7:45 a.m., read the paper and checked in for the flight to Friendship. Because of standbys the plane filled slowly.

We left Los Angeles at 9:30 -- 15 minutes late. For some reason the pilot did a lot of circling around Baltimore. The wheels were down at 5:07 EDT. Mommy met me and we were home at 6:15.

August 15. Until 2:00 p.m. I was in the garden and then read.

August 16. In the garden for 2 or 3 hours. Then reading, dictating my notes on the conference and letters.

August 17. Mostly on the book.

August 18. Visited my old office and Dr. Rosenbaum. Ordered topsoil.

August 19. Worked on book. The topsoil was brought by Mr. James Flynn. I paid him a little extra because he obviously had more than I had ordered.

August 20. Worked in garden and on the book. Mommy and I took the old Zenith to Mr. Harvey to use while he was recovering from cataracy surgery.

August 21. Garden and reading.

August 22. Garden and reading and in the afternoon attended funeral services for Governor Robert Tootell.

August 23. Reading and writing and shopping.

August 24. Gardening.

August 25. To Stoneyhurst quarry for more stones.

August 26. A bit in the garden and have screen put above new room to control squirrels. Some of our mail was stolen today.

August 27. Heavy rain. Reading and writing.

August 28. Work in garden. Much trouble with squirrels above new room.

August 29. Reading. Dinner chez Johnson.

August 30, 31, September 1. Some gardening. Mostly working on book.

September 2. Mostly gardening and then to Friendship to meet Robert and family. Squirrels finally screened out of attic about new room.

September 3. Back home from Friendship at 1:00 a.m. Robert, Joan and the children were taken by Tommy for an "early" start for Charlottesville at 12:30 p.m. Then worked on book.

September 4. Gardening and writing. Shen and I were pleased to see Tommy back at 11:00 a.m.

September 5. A bit in the garden, writing, and reading. Dinner chez Johnson.

September 6. Reading and writing and a bit with the Dykes.

September 7. Went to my old office and attended debriefing of McClelland and team back from the New Lands in the Soviet Union where I was in 1953. The report was encouraging. They were using F_2O_5 in fallow which gets it deeper so that roots can get P when surface soil is dry.

They still need better grain varieties and some increase of watering. Fallow only 20 percent effective. Maize in the rotation shows N deficiency. With P, stubble mulch could be improved.

They are now copying US machines for minimum tillage. Livestock is now up over 1953. Also there is some increase in millet and barley.

To protect from snow blowing away they are now planting a non-weed mustard in 30-metre strips.

The evidence is for better management with more local autonomy and more investments. Most of these observations were on both normal and southern Chernozem near Shortandy.

September 8 and 9. Worked on speeches and in the garden.

September 10. Finished book outline. Chez Mary Alice for Mommy's birthday dinner.

September 11. Trimmed ivy and mowed and clipped the lawn.

Septmeber 12. Reading and writing.

September 13. Wrote speech for New Haven.

September 14 and 15. Worked on speech for Chicago environmental group and a bit in the garden.

September 16. Bill Johnson brought Aubert by and I went with them to the old office and to the Cosmos Club for lunch. Mommy came at 2:30 and took us to Dulles Airport. It was very good to see him but he was very tired since he had just come here from New Caledonia without rest.

September 17-23. Worked on speeches and on the book with some reading and a bit in the garden.

September 24. Went to the dentist and no problems, but he recommended a complete X-ray of the jaw. Robert and Joan came for their chair. We went to Hennkes. They got three plants and I got a dogwood. They left for home about 4:00 p.m. Mary Alice and family dinner chez nous for Stephanie's birthday.

September 25. Garden all day planting and moving plants.

September 26. Rain and reading. The Dykes came for a brief visit before going west on a trip.

September 27 and 28. Mostly moving azaleas in the garden.

September 29. Writing went slowly. Reviewed Soil Survey Manual draft.

September 30. In the morning went to Dr. Dubit for X-ray of jaw. No infection.

October 1-6. Rainy, worked a bit in garden and on Soil Survey Manual, and on the book.

October 7-8. Mostly gardening and moving plants.

October 9. Got another new dogwood at Behnkes. Did other garden work.

October 10. (Sunday). A rainy day. Reading and writing. Johnsons dinner chez nous.

October 11-12. Some writing and gardening. On the 12th received invitation to make NATO speech on soil erosion in Turkey for September, 1972.

October 1313. Some writing and gardening in the morning. Shopping in the afternoon. Sealed east window in bedroom.

October 14. A bit in garden, some writing and some shopping.

October 15. I went to my old office. I tried to get Solomon of State whose office agreed to call but did not.

I had talks with Orvedal about the new black-and-white world soil map. He promises again.

Also a long talk with Roy Hockensmith.

Attended SCS staff meeting. It was brought out that a new range manual was being developed, and a new statement on channels and an organization of watersheds.

After lunch I walked down town and got a new light meter and then went to the Department of State to see E. L. Peterson. I had sent him a proposed agenda and we went over it. It was quite discouraging. There are no plans for improved hiring policies; only indifference toward land reform; and no U.S. Government policy on AID itself or on cooperation with FAO. Everything depends on the local man on the ground with weak help from weak regional bureau chiefs.

While there I had a call from State by a knowledgeable man. I explained the invitation I had to attend a NATO Science Conference in Turkey. I said I was willing to go if it would be helpful to the US. Curiously the office in charge had not heard of it before. But he urged me to accept. And so I did the next day.

October 16. Mommy and I went to the Barnes Nursery and got a large crepe myrtle tree. I planted this and an azalea and another holly.

October 17. Bill Johnson came over and together we put a much wider mail slot in the door.

October 18-19. Some gardening and writing.

October 20. I went to my old office to hear Bartelli report on his trip to India to help them with soil surveys and soil correlation. He had the same experience I did. He said the morale was low.

October 21. A little gardening and writing.

October 22. A bit in the garden, writing, and some reading. Mommy took my living room reading lamp for repair, which they couldn't do, so I fixed it myself. Bob and Mary Alice brought the children here to stay with us until Monday while they took a short trip to Williamsburg.

October 23. Mostly reading; rain.

October 24. More rain; mostly reading.

October 25. More rain again; mostly reading.

October 26. Refitted four doors upstairs. Hot and humid. Reading.

October 27. Raked leaves and made compost.

October 28. A bit in the garden and a little writing.

October 29. Dick Anderson, Assistant State Soil Scientist in West Virginia came with a car at 9:00 a.m. and we drove through Morgantown down to Jackson's Mill. That evening I gave a lecture on the need for many good general soil scientists to work in this country and abroad. The audience was a group of out-of-state soil judging teams that were to compete the next day. Several came from Morgantown with their wives from the university and SCS.

October 30. I the morning I went out and looked at the pits and watched the boys. I received quite a bit of butterine up from the Department Head, who said there was competition about who would take me home.

Two graduate students, John Sencindive and Andrew Sobek, and Mrs. Sobek, drove me home by a circuitous route in the mountains. I was quite impressed with the young man's wife.

We arrived about 6:45 and Mommy invited them to have dinner with us. We showed them our books and other collections. Apparently they had a good time.

October 31. Mostly reading and a bit in the garden.

November 1. Raked leaves, covered books, wrote letters and read.

November 2-3. Reading and writing.

November 4. Nearly all day making compost. In the afternoon I witnessed a tragedy when a squirrel dropped from a great height.

November 5. Wrote letters and wrote on the book. In the evening the Johnsons and Creccos were here for dinner to celebrate the first wedding anniversary of Mary Alice and Bob.

November 6. I took out the old stones in the northwest corner of the rock garden and put in very large ones.

November 7. Mostly reading. We had a very pleasant visit with the Dykes.

November 8. Morning in the garden. Put an osmanthus in the northwest corner of the rock garden. Made compost with Mommy's help. Wrote on the book in the afternoon.

November 9. Garden in the morning. Reading and writing in the afternoon.

November 10. At NAL from 10:00 a.m. to 3:30 p.m. Reading and some writing in the evening.

November 11. A bit in the garden, correspondence, and writing.

November 12. Mommy took me to the morning plane to Chicago where I was to speak the next day to the National Youth Conference on Science and the Environment, on Interactions between people and soils.

In the afternoon I had a nice visit with an old friend of Mr. Dykes, Mr Van Allen Bradley, who had a bookstore nearby.

November 13. I had breakfast with some of the young people. I judged them to be mainly between 16 and 20. The grand ballroom of the Sheraton-Chicago was full for the program. I judged that my speech went over quite well. At least the man running the conference, Mr. William W. Oliver III, was very complimentary. After the program I hurriedly packed and had a quick lunch to get the bus to O'Hare. Mr. Oliver

insisted that I go in a cab with him and his assistants, which gave me time to get a needed haircut at the airport. I was home about 5:30 p.m.

November 14. Mostly reading and correspondence. Dinner chez Johnsons.

November 15. Last trim of ivy on house for 1971. Cleaned gutters and made compost. Mommy helped all day.

November 16. Worked all day on third edition of Soil Survey Manual and some reading.

November 17. Most of the day raking leaves and making compost.

November 18. Some writing and also read. Very tired. Tried spraying acubas with calcium hydroxide.

November 19. Chores, some reading and writing.

November 20. Reading and writing. Sean Cooney came late in the evening.

November 21. Much talk with Sean. The Dykes had dinner with us.

November 22. Reading and some writing. Sean went into the city and borrowed a car. He was back very late.

November 23. I went with Sean to the NAL and introduced him to the Director. I worked in the library until about 12:30. Mommy brought me home. We had a late lunch and made compost in the afternoon.

November 24. I spent part of the day reading a bad book on Land and man by Jacoby. Light snow changed to rain.

November 25. Thanksgiving. A bit in the garden, it was very cold. Robert and family were here for a late lunch. In the evening Mary Alice and family came.

November 26. Mostly talked with Robert and did some reading.

November 27. Robert and family left a bit after lunch. I read in the afternoon.

November 28. Read and made compost.

November 29. A little after noon Mommy took me to Friendship Airport for a flight to Hartford on Allegheny Airlines. The plane was crowded and we got off late. We taxied to the flight strip. After some talk we came back to the airport and removed a man who had some kind of seizure.

I was met at the Hartford Airport about 5:00 p.m. by Dr. H.C. DeRoo, a former student of Professor Edelman. He took me to my hotel and then to his home for drinks, a pleasant dinner, and good talk.

November 30. In the morning Dr. Gordon S. Taylor, in charge of The Valley Laboratory -- a substation from New Haven -- came for me and took me to the Laboratory.

I got a good view of some interesting work on weeds, water, plant diseases, and so forth.

Several of us went to the hotel for lunch which was very slow and we returned just in time for the formal opening of the 50th anniversary session at the Laboratory. Since one of the speakers couldn't come we had a brief talk by Dr. Horsfall and a review of the work going on at the Laboratory by the senior staff including Dr. De Roo.

My talk on Soils and Man seemed to go quite well. Dr. Warren C. Shaw made a very good talk on Weeds, plant science, and man. The auditorium was almost completely filled. Apparently the majority were local residents of the Connecticut Valley. While the others looked at the demonstrations that I had seen in the morning I talked with about seven or eight who were there from the SCS.

Then we went to the bahquet at the hotel, which was served very slowly by a small staff. Dean Spielman of Amherst was a jolly toastmaster, and called on many for short statements.

The main address was by a young man, William Flemer III. He spoke on The future of agriculture in the megalopolis. He made an outstanding lecture stressing the importance of zoning to protect intensive farming in the town-and-country fringe. This zoning would keep taxes relatively low for farmers. Yet if the land were sold for urban or industrial use the county or city would receive an amount equal to the full urban tax for the previous 3 to 5 years. He also gave an excellent discussion of the bad relations many farmers and nurserymen have with their labor. Most do not seem to recognize that working men expect to be treated as individuals. Then too, he explained that many of them get low prices because they refuse to cooperate so they could have a good sales force for their products.

I wish this man could give this speech in every country trade area.

December 1. I had my breakfast and packed. Dr. De Roo came at 8:30 and we went to the Laboratory for a little while and then to the airport. I left about 10:00 a.m. with few passengers.

From Providence to Baltimore there were only six passengers, whereas the plane to Hartford was completely full on Monday.

We arrived in Baltimore a little after 12:00 and Mommy took me home for a late lunch.

December 2. I rode in Mr. Kandra's car pool to my old office and sat in a conference with the principal soil correlators, directors, laboratory heads and several others. I got the impression that the

soil survey party leaders are not getting the guidance they need on soil survey design, to have the correct scale, interpretations, and so on.

The last part of the afternoon I went over another draft policy statement from the UN on "The environment". It included statements that I had given FAO last June and mixed them up with completely conflicting statements from certain publicity-seeking ecologists.

When making an address at FAO I had made the off-hand statement that if some of these kinds of people wanted a scare statement they could try estimating the amount of phosphatic fertilizer needed for the next 30 years and compare that amount with the known supplies. This was taken very seriously with all sorts of ridiculous proposals, but without any suggestion for geological exploration!

I returned home in the carpool about 6:00 and hurriedly changed to go to a dinner at the Johnsons for the out-of-town people attending the Soil Survey Conference.

It was a very nice party.

December 3. I went to my old office in the car pool. I attended the Soil Survey Conference part of the time, heard Earl Butz speak to the staff, and spoke to him briefly in the Secretary's Conference Room. He had just been confirmed the previous day as Secretary of Agriculture.

In the afternoon I had visits with several of the staff and returned home at the usual time.

December 4. With Mommy's help we composted leaves nearly all day. Glen Lloyd brought two 50-pound bags of sunflower seeds.

December 5. I read, repaired rakes, and did a few other chores.

December 6 and 7. Mostly reading and writing. A bit in the garden.

December 8. Reading and writing in the morning. To the NAL in the afternoon.

December 9. Reading and writing. Looked up Montenards for Mrs. Bruno.

December 10. Reading and writing. Visited the Dykes for a short period.

December 11. Put the compost to bed.

December 12. (Sunday). Reading. In the afternoon we went to an Open House the Johnsons gave for their daughter and family. A very nice little granddaughter.

December 13, 14, and 15. Reading and writing and a few garden chores.

December 16. Reading and writing and then to a long-lasting dinner for Mr. Penn's retirement from the hospital. The program was a bit rough in spots and quite a bit of politics.

December 17. Reading and writing in the morning. The afternoon was mostly on life insurance for the four grandchildren.

December 18. Reading and writing.

December 19. Raked leaves for a while and then reading and writing.

December 20. Reading and writing. Mary Alice here for lunch. A short ride with Mommy.

December 21. Reading and writing; repair light switch in garage; ride a bit with Mommy.

December 22. Go in to old office. Had haircut and visited. Mommy came in and we went to the SCS Christmas party. Rode home with carpool.

December 23. Writing and some reading. Mary Alice and family had dinner chez nous.

December 24. We left home at 10:00 a.m. for Charlottesville, In the afternoon Stephen broke his collarbone playing football.

December 25. Christmas in Charlottesville with Robert, Joan, and the children

December 26. Left Charlottesville at 12:30 and home about 3:00. Mary Alice and Randall had picked Shem up at the kennel so he was anxiously awaiting us.

December 27. Clean leaves out of lower one-half of garden and two-thirds of the rock garden.

December 28. Finished leaves out of rock garden and covered new books.

December 29. Read and rested in the morning. In the afternoon we took the leaves out of gutters.

December 30 and 31. Read and wrote. Mr. and Mrs. Dykes had dinner chez nous on New Year's Eve.

1972. January 1. Reading and writing. Dinner chez Mary Alice.

January 2, 3, 4 and 5. Reading and writing.

January 6. Reading and writing. Johnsons for dinner chez nous.

January 7. Received xerox proof on Our gardens and managing their many little climates for the 1972 USDA Yearbook.

January 8. During the previous evening some vandals tore down the guard fence on the corner, which I restored. Reading and writing.

January 9 and 10. Mainly reading and writing.

January 11. do. Visit the Dykes in the afternoon.

January 12. WAI in the morning; cleaned leaves in the garden in the afternoon.

January 13. Read and write. Mary Alice here for lunch.

January 14. I went to my old office to talk with the editor about my Yearbook article for 1972. I had a good session with Ralph Phillips and Max Witcher about material relating to FAO.

January 15. Mostly reading and writing.

January 16. Mostly reading. Bill Johnson chez nous for dinner. Later Mr. and Mrs. Klingebeil were here about their projected trip to Rome. (Added later: He was robbed of his purse the first or second day.)

January 17. Read and wrote.

Jaunary 18. Read and wrote in the morning. Worked in the garden in the afternoon.

January 19. Went to Silver Spring to talk with people at Social Security about annual report. Went on to Saltz in Chevy Chase and bought a sport coat, two pair of slacks, and a shirt.

January 20. Read and some writing. Had a long talk with Johnson about coordination of Washington office and principal soil correlators

on reports of field soil correlations.

January 21. Reading and writing. Covered a few books .

January 22 and 23. Reading and writing.

January 24. Morning, reading and writing. Afternoon, cleared leaves out of ivy in front.

January 25. Mainly reading.

January 26. Rode into old office with car pool. Called several people. Had an appointment and examination with Dr. Rosenbaum at Group Health.

January 27. Reading and writing, including many letters. Had sleet forecast so covered Satsuki azaleas.

January 28 and 29. Reading and writing. Again many letters.

January 30. Reading.

January 31. Reading and Writing. Stephanie and Randall come after school.

February 1. Reading and writing. In the evening Mary Alice returns from New York and collects the grandchildren.

February 2. Reading and writing. Much snow.

February 3. Work on income tax. Check book values against new catalogues.

February 4. Reading and writing. Bill Johnson chez nous for dinner.

February 5. Mostly reading and writing. Very cold.

February 6. Very cold. Did some writing of inserts. Helped Mommy figure costs of house improvements since 1942.

February 7. In the morning at National Agricultural Library. Reading and writing in the afternoon.

February 8. Went with car pool to old office. Attended a range society meeting in the morning for a while and attended a meeting honoring Dr. Ted Byerly. Talked with several in the Service.

February 9. Mostly reading and writing.

February 10. Mostly reading and writing in the morning. In the afternoon Mommy and I called on Mr. and Mrs. Hollis Williams.

February 11. Reading and writing. Mary Alice , Bob, and the children dinner chez nous.

February 12. Reading and writing and a few chores. Dinner chez Johnsons.

February 13. Reading and writing.

February 14. Valentines Day. Reading and writing and chores. Carol Johnson chez nous for tea.

February 15. Reading and writing. Very tired.

February 16. Finished first rough draft of The Book and started over again.

February 17. To old office with car pool. Many conferences within SCS.

February 18. Reading and writing. Stephanie and Randall here while Mary Alice away for week end.

February 19. Reading and writing and chores. Very bad rain, snow, and ice.

February 20. A little writing. Very bad snowy weather.

February 21. Worked on Chapter 6 of Soil Survey Manual and a little on The Book. In the afternoon Mommy took Stephanie and Randall home. In the evening we went to a very nice party at the Cosmos Club for Cris Wells.

February 22. Finished work on Soil Survey Manual and some on The Book. Harris and Elizabeth here for drinks in the late afternoon.

February 23. Worked mostly on The Book. Mary Alice here for lunch.

February 24. Remove wet snow from driveway and sidewalks. Mommy has a cold. Work on The Book in the afternoon.

February 25. Mostly on The Book and other chores. A bit warmer.

February 26. Mommy not well and I was very tired. Some work on The Book.

February 27. Mostly read Proust and the newspapers. Cold.

February 28. I now had another rough draft of The Book and started to sort out pictures. Mary Alice and children were here for her birthday dinner.

February 29. I rode in with the car pool. The Forest Service people had a nice luncheon for me. McArdle, former chief of the Forest Service started a "Be kind to Kellogg day" on February 29 in the early 50's.

March 1. Wrote letters, worked on The Book. Volumes 4 and 5 of the new Pepys came after we had nearly given up. They were mailed in London 29 October, 1971.

March 2. I went to the Cosmos Club with Dr. Victor Boswell for a session with the Garden Committee both inside and outside.

March 3. Cold and rainy. Covered books and sorted out photos for The Book. Randall came to stay all night.

March 4. Sort out photos for The Book. Mary Alice and Bob took us to a restaurant in Bethesda for dinner. It was a pleasant evening except that I got a piece of meat lodged between my teeth which made them quite sore.

March 5. Read and sorted photos. The Dykes and Carol Johnson had dinner chez nous.

March 6. Mommy took me to the University where I left two soil samples from the Cosmos Club garden for routine tests for pH, K, and P.

March 7. In the morning reading and sorting photographs for

The Book. In the afternoon pruned azaleas.

March 7. A.M. on book, P.M. pruned Azaleas at Brown Club.

March 9. Work on illustrations for The Book.

March 10. Work on illustrations. In the evening the Thomas and her parents chez nous for drinks.

March 11. A.M. work on book. P.M. take leaves from ivy.

March 12. All day taking leaves from ivy around white oak.

March 13. To dentist with a broken tooth. Then worked on The Book.

March 14. A.M. on illustrations for book. P.M. Mr. and Mrs. Alexander Close here from Clemson to talk about professional opportunites in soils of the tropics.

March 15. A.M. on Book. P.M. in the garden. Johnsons here for dinner.

March 16. A.M. on Book. P.M. in garden.

March 17. Worked mainly on The Book; a bit on Soil Survey Manual And a little in the garden.

March 18. Pruning azaleas all day.

March 19. Nearly all day pruning azaleas. Have dinner chez Johnsons. Home very late.

March 20. Went to Bolgiano's for fertilizer. In the afternoon I dug out large "Tawam" near soil bin and did other garden chores

March 21. On book in morning. Garden in afternoon--cold.

March 22. Mostly on book. Bad storm with hail -- cold.

March 23. Mostly reading and wrote some on book. Cold. In the late afternoon Austins for drinks chez nous and discuss Soil Survey Manual.

March 24. Still cold. Worked on the book, especially editing.

March 25. In the A.M. listed illustrations for book. In the P.M. dug up large liliaceum azalea and moved to very top of rock garden. Very hard work. Frank Toomey helped. Dinner chez Austins. Johnsons brought us home at 11:10 p.m.

March 26. Very tired today. Mostly read. The Dykes came for a visit.

March 27. A.M. on book and correspondence. P.M. in garden. Mary Alice, Stephanie, and Randall for dinner chez nous.

March 28. A.M. on book. P.M. in garden.

March 29. Garden all day.

March 30. Garden nearly all day. Johnsons chez nous for drinks.

March 31. A.M. mixed azalea fertilizer. P.M. Fertilizer on roses and pruned them putting tree-cote on all cuts; other msc. pruning.

April 1. Mostly in the garden. With Mommy's help put fertilizer and compost on one-third plus azaleas.

April 2. Moved small aucuba; two old Boston ivy; and three azaleas of the north central bed. Read Sunday papers. Dinner chez Mary Alice.

April 3. Today Mommy and I finished fertilizer and compost on azaleas! Both very tired.

April 4. Rain. Inside chores in the morning. P.M. spread fertilizer and compost on rock garden.

April 5. Dentist at 9:00 to complete crown. Garden in afternoon. Caral Johnson for dinner chez nous.

April 6. All day in garden. Planned and started pulling out stone borders of big bed to move them south. About midnight I became quite ill.

April 7. Got to sleep about 3:00 a.m. Restful day. Rain at 6:00 p.m.

It changed to sleet and I covered some of the tender azaleas as best I could about 7:45.

April 8. The snow partly goes away and I uncover the azaleas to get the ice off the sheets. In the evening covered several plants. Randall and Stephanie came late. Got some books ready for Ben Miller to bind.

April 9. Sunday. Read the two big newspapers. Worked a bit on the Book and moved sheets from the small azaleas and hoped for the best.

April 10. Went into my old office today. Maps for the book will not be ready for 30 days!

April 11. Garden Committee at Cosmos Club from about 11:00 a.m. to 3:00 p.m.

April 12. Went to Stoneyhurst for new stones for border of main garden.

April 13. Rain. Wrote a long letter to Major Ignatieff and did some other jobs. Very tired.

April 14. Mr. and Mrs. Van--friends of Mommy's visited us. She took them to see the "Cherry Blossoms" while I read. They have dinner chez nous.

April 15. I wrote some and worked on the stone terraces for about two hours bit it was a bit too wet. The Vans had dinner chez nous again.

April 16. From 9:00 a.m. to 2:50 p.m. in garden on stone terraces.

April 17. At 10:00 a.m. I went to Dr. Wooddell for three crowns. In the afternoon worked on stone terraces.

April 18. Completed stone terrace changes and planted ivy and pachysandra. Very tired. Worked on book in late afternoon.

April 19. Some in the garden but mostly read and rested

April 20. Took some books for binding to Ben Miller, including answers to retirement letters. Worked on paper for "Crops and Soils" and wrote a letter to Ed Cliff.

April 21. Dr. Boswell picked me up at 9:15 and I worked nearly all day planting azaleas at the Cosmos Club. Very tired.

April 22. Cold and rainy. Fixed basement door, read and wrote a bit.

Recently I had three new Joyce books. The own by Ellmann was excellent. The one by Staley superficial, the one by Brandabur was very poor.

April 23. Worked in the garden in the morning and planted two roses: a Peace and a Golden Prince. The Johnsons have dinner chez nous.

April 24. Read and wrote, and a bit in the garden. It came out clearly this day that the ITT scandal was due to White House corruption.

April 25. Got nice pipe for stakes in Volentine's trash. Stored 5 and cut several for plant stakes. Put out new post in back fence. Stephanie here.

April 26. Early in the garden. Robert here for lunch. Then writing and reading. Offer to go to Libya from Rome Industries.

April 27. Went to old office with car pool. In the afternoon to Ed Cliff's retirement party.

April 28. Some writing but mainly garden.

Mr. Harvey McCaleb of Freeman called about the Book. At his urging I agreed to send him a carbon as soon as possible. I showed him the maps and illustrations and gave him a synopsis of the book.

Dykes called me about an offer of Bradford's History of Plymouth Colony.

which I ordered. Mary Alice, Bob, and the children here for dinner to recognize Bob's birthday the day before.

April 29. Nearly all day in garden. Kill ants, clean ivy, and shore some stone terraces.

Curiously I had a book from Poland that was improperly bound. I had written to the author. He sent me a cable of apology and a new book by airmail.

April 30. Read and worked a bit in the garden. Dinner with Dr. Swindale chez Johnsons.

May 1. To Dr. Wooddell for final installation of three crowns. We had an early lunch and went to Stoneyhurst for more stones. Put in some of them.

May 2. Finished setting stones in garden, hopefully. A strange boy dug up an azalea! Rita called and I replanted it.

May 3. Rain. In the afternoon I read and wrote.

May 4. Mostly on the book. The Dykes took us to Mrs. K's Tollhouse Tavern for dinner.

May 5. All day in the garden removing weeks from lawn and clipped the grass around the terraces.

May 6. Picked azalea seeds till somewhat after lunch. Orpwoods here in the late afternoon for drinks.

May 7. (Sunday) Until 3:00 p.m. worked on azaleas and then read the papers. Very tired.

May 8. Mostly gardening and working on the Book which I got ready to be mailed.

May 9. Some gardening, worked on the paper due in August. Mommy mailed The Book to McCaleb. (Yet we had to finish "Lit Cites" and photo captions.

May 10. To USDA. Talked with several. In the afternoon I gave a long lecture and seminar on "Conflicting Cultures", for a graduate course led by Harry Trelogen.

May 11. Finished azalea seeds on the two big snows--what a crop.

In the evening I went with Mommy to a Red Cross dinner at Andrews Air Force Base. Mommy received a splendid recognition and gold medal for her work.

May 12. Tree trimmers here. Worked in the garden most of the day.

May 13. Garden all day. Moved out three small snows, pruned hemlocks. Much work with azaleas and set out two shamrock.

May 14. Rain. Read, rested, and wrote letters.

May 15. Nearly all day in garden working with azaleas, cotoneasters, and marked bulbs with yellow stakes to remove in August.

May 16. NAL Associates meeting at National Agricultural Library. Met a charming young man named Dean Trivette from the University of Kentucky. He stops for a while in the afternoon chez nous.

May 17. Went carefully over the whole lawn and worked some with azaleas.

May 18. Gardening until 4:00, mainly with azaleas. Johnsons to dinner chez nous.

May 19. Worked on several azaleas and after lunch to Behnkes for some small plants to make some bright spots in the garden.

May 20. Rain. Worked mainly on a short article on agricultural development and soils throughout the world for a rubber company.

May 21 (Sunday) Worked with azaleas, cleaned gutters and pruned some ivy.

May 22. Azalea pruning. Went for zoysia sod and plugs. We got a little put out and then it rained.

May 23. Finished the zoysia sod and put out 300 poor plugs with Mommy's help.

May 24. Pruned azaleas and collected moss from Dr. Boswell for Mommy to put out between the flagstones in the back garden.

May 25. Finished pruning and cleaning of azaleas except for the late ones.

May 26. Cleaned and pruned the dead vines out of the ivy and did other garden chores.

May 27. Made stakes for front ivy margin and transplanted some big ivy into the front bank.

May 28 (Sunday). Wrote a bit and read. A few garden chores.

May 29. Set out more zoysia plugs from the edge of the front ivy. Mommy set some moss. Water the zoysia and so on. Dinner chez Johnsons.

Bill said that Grant is now opposed to continue Cline as an agent but I think he will go ahead with it.

May 30. Went to the old office with car pool. To Group Health for usual tests around noon time. Outlined speech for Maryland University, July 7. Morale in office low. Grant pushing Van de Voet faster than his qualifications.

May 31. I took the last 2 volumes of the James Joyce Quarterly to Ben Miller and also got back the repaired Bradford. On the way back bought a post-hole digger.

Then I made a start toward the repair of the center compost posts.

June 1. Repaired compost bin and turned about three-fourths of new compost into the west bin.

June 2. Went into old office with car pool. I chatted awhile with Professor Roquro of Madrid. Attended staff conference. Guy Smith retired this day. Roy Hockensmith to retire the end of June. Cratty of Michigan gave an absurd talk claiming that local people must have federal leadership! He showed complete ignorance of the law.

June 3. Finished turning compost. I moved the rhododendrun Robert gave me but I fear it will die. Replaced it with a little holly. Worked on the front lawn.

June 4 (Sunday) Cleaned up garden. Cut oak roots along the northeast part of the north fence. Read the papers. An evening storm of three inches or more.

June 5. Cleaned up after rain and wind, and other chores. Some writing.

June 6. Cut more of the old oak roots around the compost. After lunch the Bradfields came on their way from Florida to Ithaca. We had a wonderful talk and they stayed the night.

June 7. Bradfields left after breakfast. I worked a bit in the garden and then wrote.

June 8. A two-hour cleanup in garden. Robert and Mary Alice <u>chez nous</u> for lunch. I showed Robert the new Bradford, which is probably the first trade edition. We took up a letter and paper from Geoderma for Guy Smith to look at.

June 9. I tested some 24 soil samples in the lawn and found it mostly acid. Worked on the paper for the rubber company. R. G. Schmitt of FHA called in the evening to talk about rural development.

June 10. Limed the lawn and fertilized bad places. Wrote on the rubber company paper.

June 11. (Sunday) Rubber company paper now ready to go. Water lawn. Dinner chez Johnson, and also Mary Alice, Bob, and the children.

June 12. General cleanup of garden. work on ivy, and water the grass. Then worked on paper for "Geoderma".

June 13. Another attempt to rehabilitate ivy on fron bank. Mailed paper to "Geoderma with my criticisms.

June 14. Covered books, read, and a bit in the garden.

June 15. Mommy took me to buy coarse gravel for uner-surface drainage. Then we got pipe and iron rods for garden stakes.

June 16. Painted stakes and then repaired electrical connection to washer. The Johnsons and Dykes chez nous for dinner on Bloomsday.

June 17. Reading and a bit in the garden.

June 18. Reading and writing and then to party at Johnsons for Smith, Hockensmith, Orvedal, and Bender--all retiring.

June 19. Trimmed ivy around the house and cleaned the gutters. Also cleaned up garden and fixed the back fence.

June 20. Until 1:30 p.m. installed coarse gravel drainage lines. Mommy cut the grass.

Ordered the 3rd impression of the Hamburg Ulysses. Rain

June 21. Rain all day. Read. After lunch went to Soil Survey Laboratory for Pederson's retirement. Rain became very heavy. In the late evening I had to collect bricks and stones to stop the water coming over the wall from the neighbors. He had put in stones, ties, and topsoil higher than the wall!

June 22. This very heavy storm was named "Agnes". There were bad floods all over the area. Most of these were really due to enormous overbuilding of houses, apartments, and other structures along with huge parking lots. The clean-up job will be enormous. Robert and family came about 3:45 p.m. Mary Alice, Bob, and the children came in the evening and stayed until about 11:00 p.m.

June 23. It still rained. Robert took Joan and the children to Friendship Airport for their trip to Boston and then he went back to Charlottesville.

After lunch Mommy took me to my old office to attend Lloyd Partain's retirement party. I came home with the car pool.

June 24. It still rained. I did a few chores in the garden and basement and read.

June 25 (Sunday). Only a bit in garden. Read.

June 26. Moved large aucuba to near the compost and replaced that one from near the soil bin with a small one. I then replaced a splashboard by the front steps.

June 27. Finished pruning and staking all but one late azalea. Put in four short coarse-gravel drains.

June 28. Wrote as requested by the Soil Conservation Society a sharp comment on an absurd paper by Dean Daniel Ogden of Colorado State.

June 29 and 30. Some reading and began to rearrange the Joyce books. Mommy at Red Cross interviewing flood victims.

July 1. Finished staking azaleas and cleaned up the garden. Mommy again at Red Cross part of the day.

July 2. Mommy at Red Cross, 9:00 - 11:00. Another large garden cleanup. The Dykes called in the late morning. Johnsons for dinner <u>chez nous</u>. More rain.

July 3. Clean up after the rain and work on Joyce books.

July 4. Another big garden clean up. Mommy mows grass and we both clip in the morning. Finished first draft of list of Joyce books.

July 5. Worked mainly on Joyce books. Mommy at Red Cross until 1:30. Robert came in the evening on his way to Boston.

July 6. Robert left for Boston abour 7:30. Clean-up work in garden. Mommy at Red Cross. I worked late on covering books and checking lists of Joyce books.

July 7. I was working in the garden and Mr. Schmitt called to say I was due for a speech at the University of Maryland which I had forgotten on "Town-and-Country Development". They rearranged the program a little and no damage was done. Mr. Schmitt brought me home after lunch and I put all the covered books away. Mommy at Red Cross until 5:00 p.m.

July 8. In the morning Mommy and I took several Joyce items to Ben Miller for slip cases and one hard cover book for repair.

A little while after lunch Glen Lloyd brought back my lost block and tackle with a new rope.

Mommy and I work on this curriculum vitae.

July 9. Pick up in garden and work on ivy in front. Robert, Joan, and the children come about 5:45. Very late to bed.

July 10. Brief pick up. Robert and family leave about 9:45. In the afternoon Mommy and I went to a retirement party in SCS for Hollis Williams. He got carried away in talk until his wife stopped him, He praised all people, including Don Williams! A bit of hypocrisy!

July 11. Mr. Dykes and his wife took us to the retirement party of Roy D. Hockensmith in SCS. Good show but slow.

July 12. Reworked flagstones near east white oak to the northeast. Very hot and tired. Read a bit.

July 13. In the forenoon covered books. Then read a bit and we went to old office in SCS for retirement party of Clifford Orvedal.

July 14. A.M. in the garden and made stakes. After lunch I did some writing and reading.

July 15. In the garden. Made more stakes for front ivy and painted them.

July 16 (Sunday). Heavy clean up in garden. Read. Very hot. A gently rain in the evening.

July 17. Short clean up in garden. Mostly work on books and reading.

July 18. Clean gotters. Read the NRC booklet on Soils of Humid Tropics. I had helped select some of the committee and regret that the book was very poorly done--in obvious great haste. Many major errors about soils, fertilizer requirements, and so on. No emphasis on magnesium for African oil palm, and many, many others.

Mommy went to a meeting of the County Council for Red Cross and returned about 1:30 a.m. (On July 19)

July 19. This day I went to the Statler Hilton Hotel for a presentation of the 1972 Yearbook of USDA called "Landscape for Living" in which I had a too small chapter on "Your gardens little climates and how to manage them." The book was poorly outlimed and badly edited. (It was well reviewed as a poor book by Henry Mitchell in the Washington Post for 30 July, 1972.

Secretary Butz was there as master of ceremonies. And also Congressman Jamie Whitten was there. I had a good private conference

with Whitten about how the Nixon boys were making it impossible to recruit good scholars in either the natural or social sciences for the government service.

I then went down to my old office and worked with Orvedal on the draft of a paper he was doing. I came home with the old car pool.

July 20. Quick clean up in garden. Very hot, humid, and smoggy. Went to my old office to retirement for William Bender. In the evening the Dykes and Millers were chez nous for dinner to celebrate Dykes' birthday.

July 21. Clean up garden, chores, and read.

July 22. Do, and work on Joyce collection.

July 23. (Sinday). Water garden in forenoon. Read.

July 24. Mommy's car breaks down a bit and had to be repaired. Mostly I work in the garden. Mary Alice and family were with us for dinner and later Robert comes with Stephen and Elizabeth, who will stay partly with us and partly with Mary Alice

July 25. Robert leaves early to fly to Boston for the funeral of Joan's father. I watered azaleas and got several of my Joyce paper books with new slip cases from Mr. Miller.

July 26. All day in the garden, watering and taking up crocus and daffodil bulbs. Robert here briefly and Stephen goes home with him.

July 27. Worked in garden and at other chores. The soil is very dry.

July 28. Garden in the early morning. Joan came from Boston and later Robert and Stephen come. Very late to bed.

July 29. Robert, Joan, and the children left about 11:00 a.m. I worked a bit at garden and other chores. Very tired and early to bed.

July 30 (Sunday). Very light rain. Started repair of concrete in front.

William Johnson has dinner chez nous.

July 31. Treat lawn for bill bugs, clean gutters, etc.

August 1. In morning cement work. Read in afternoon. In the evening the Dykes take Mommy and me for dinner at "Mrs. K's"

August 2. Read. At 11:00 o'clock Dr. Boswell comes by for luncheon at Cosmos Club of Garden Committee. Home about 3 p.m. Very hot. Today I was 70 years old.

August 3. Watered all back garden and much of the front. Very tired.

August 4. Mostly in garden until 3 p.m.

August 5, 6, 7, and 8. Some gardening. Mostly reading and writing.

August 9. With Mommy to get fertilizers and other garden supplies.

August 10. Garden pickup and watering in front. Reading.

August 11. Watering both front and back nearly all day. Ordered Atheton's Books at the Wake for Robert. Thornes chez nous after dinner.

August 12. A bit in the garden and read. Dr. and Mrs. T. Byerly have dinner chez nous.

August 13. (Sunday). A few chores; mostly reading. Rain: 1.11" in 20 minutes.

August 14. Pickup in garden. Fill gaps in driveway wall with plaster.

August 15. Garden, inside shores, read, and write.

August 16. Watered in front and worked on ivy.

August 17. Light rain. Painted iron stakes and did other chores. Read and write.

August 18. A.M. garden. Read.

August 19. Garden nearly all day. Hot.

August 20 and 21. Early morning looked for man with dog whish has killed some of my plants. Mostly reading and dusting books in the new room.

August 22. Do. Covered a few books.

August 23. Mostly reading. Worked a bit on books.

August 24. Pick up in garden 5:45 to 6:30 a.m. Then water back and front from 7:00 a.m. to 12:00. Read

August 25. I go into old office with carpool. Hot. Talked with several old associates.

August 26. Pick up in garden. Read and write. Bill Johnson, the McClellands, and the Orvedals for dinner chez nous.

August 27 (Sunday). Pick up in garden. Read. In P.M. Morris Austin comes with more draft of new Soil Survey Manual. He stays for a long visit.

August 28. One-half inch of rain. Clean up. Put in a few more zoysia plugs. Tip in ivy in front.

August 29. Pick up in the garden. Dr. Boswell comes and we go to Cosmos Club to show boys how to spread sulphur on soils too high in pH for azaleas. The boys did a very poor job on pruning azaleas.

August 30. Water garden nearly all day.

August 31. Prune ivy etc. until 1:30. Read and write later.

September 1. A Mr. Hibshman calls about qualified staff on soil-and-water management in Lybia. I recommend Dr. Frank Viets and Dr. A. R. Southard of Utah.

That evening Bill Johnson tells me that Guy Smith refused to look at proof of the Soil Taxonomy without pay. (Later he did some,)

September 2. Put in new bird feeder. Took out a formerly nice large Skikibu azalea. Roots had been killed by early heavy rains of Hurricane Agnes. Some writing and reading.

September 3 (Sunday). Read, write, and a bit in the garden. Bill Johnson for dinner chez nous.

September 4. Water back garden. Read.

September 5. Water front garden. Read.

September 6 and 7. Mostly writing.

September 8. Mostly writing and dinner chez Mary Alice for Mommy's birthday (September 11.)

September 9. Work on illustrations for Book.

September 10 (Sunday). Mommy, Stephanie, Randall, and I go to SCS picnic in Prince George's County. Very few come. None from Soil Survey!

September 11. (Mommy's birthday). Garden in morning. Take 3 or 4 films to Carto for better prints. Buy shoes, etc.

September 12. Water back garden and some in front.

September 13. Clean concrete reinforcing steel rods that Arthur Thorne gave me. Read.

September 14. Paint steel stakes.

also

September 14. Visit Dr. Rosenbaum for check up. Also have new X-rays for use of Dr. Genner.

Bill Johnson for dinner chez nous

September 15. To Takoma Group Health for eye tests and new glasses. A bit in the garden.

September 16. Pick up in garden. Re seed back lawn. Water in front.

September 17. Mostly reading and writing.

September 18. Picked up in garden and read in A.M. A bit of shopping in P.M.

September 19. Mostly in garden. Talked with Bill Johnson about my correspondence with Congressman Hogan on county planning to avoid flooding.

September 20. Heavy pick up in garden. Two hours on book.

September 21. About three hours on Book

September 22. Mostly reading and writing.

September 23. Took most of the day to water all the garden.

September 24. (Sunday). Back very sore. Mainly reading.

September 25. Pick up in garden. Spent a long time looking for Shem who hid in the basement. Wrote letters.

September 26. Pick up in garden. Read and write. Mommy at Red Cross. Very sore back.

September 27. At Dr. Rosenbaum's request I made an appointment for 9:10 A.M. with Dr. Genner. I was taken in and told to undress. Later a Dr. G. May came in and said Dr. Genner was busy. He made no examinations. He had looked at recent X-rays. I wasted my time.

About 1:00 P.M. that afternoon I called Dr. Rosenbaum's office. He called back about 3:00 P.M. I explained what happened and he said he would discuss the matter with Dr. Genner.

September 28. Pick up in garden. Read and write.

September 29. NAL Associates Board. Small Rockefeller grant for overseas students of agricultural libraries.

McCaleb of W. H. Freeman refuses my book manuscript, which he begged me to send him, because it would not sell as "a text." At the very start I told him that it was a reader--not a text! What a guy!

September 30. Wrote to Mrs. Marie Rodell--an agent in New York

Clean up in garden. Dinner chez Johnson.

October 1 - 8. Clean up in garden. Tried to think what to do about Book. October 6, Carol Johnson had dinner with us.

October 9. Transplanted 3 azaleas.

October 10. Bought 3 large Euonymus and put them out near north fence and compost.

October 11. Sent first carbon of book to Mrs. Marie Rodell. Made beds ready for moving two large azaleas in front of compost.

October 12. Set a Dream and a Liliacium azalea to screen compost. Went to see Mary Alice about 3:30.

October 13. Watered the whole garden.

October 14. A long clean up in garden. Read and wrote a little.

October 15. Mostly read. Very tired for some reason.

October 16. To Dr. Genner at Group Health. He says brace is adequate and to keep up exercises. Touch toes.

October 17. Raked leaves and started compost. Read.

October 18. Watered newly transplanted plants and moved small azaleas. Covered books and read. A rain begins!

October 19. More rain and a bit of snow. Read and wrote.

October 20. Picked up and tied plants against snow.

October 21. Worked on paper for "Rubber Company." Returned "edited" copy in P.M. Read Galbraith's "Ambassador"s Journal."

October 22. Continued with Galbraith's book.

October 23. Gather leaves for first full layer of compost. Johnsons here for dinner chez nous.

October 24. Small stone in right kidney. Mommy takes me to Group Health for tests, X-rays, etc.

October 25. At 4:45 A.M. a severe kidney pain, without nausea. Read most of the day. But no stone seemed to pass.

October 26. Much in paper about "Peace in Vietnam." Robert and Stephen came.

October 27. Rake leaves for compost. Mommy has a busy day--to store, to meet Elizabeth Kellogg, and over to get Stephen at Mary Alice'

October 28. Check a bit in garden. Read. Rain of over 2 inches. Robert and Joan come late and we are very late to bed. Tired. Small kidney stone lost but found follow-up blood clot.

October 29. Robert and family leave in late morning. Clean up sticks in garden. Read. Late to bed.

October 30. Back to Group Health for long X-ray session. No kidney stone.

October 31. Very tired. Mostly read. Mommy most of the day at Red Cross.

November 1. Rain. Work a bit on books and on proof for Taxonomy. Very tired.

November 2. Cleaned up a bit in garden. Wrote letters to Ignatieff and Geoderma about a poor paper from England.

November 3. Went to see Dr. Rosenbaum at Group Health. He says K have phletitis in calf of left leg. Take 6 tablets of coumadin at 3:45 P.M. and keep leg up with moist heat. Mailed letters to Ignatieff about ISSS Congress in Canada and comments on paper sent by Geoderma.

November 4. Nearly all day with moist warm towels on left leg calf. Much reading but bored. Mommy rakes leaves for compost.

November 5. Nearly all day read and treat my left leg for phlebitis. The Dykes called.

November 6. Blood test early at Takoma Group Health. Rosenbaum's nurse said to take 1½ tablets per day of blood thinner medicine. Leg much better.

November 7. Voted in national election at 8:15. Made compost with Mommy from 10 A.M. to 2:15 P.M. Very tired.

Nixon won! It shows that a man can fool most of the people most of the time.

November 8. Picked up sticks in garden. Bad circular winds.

November 9. Picked up sticks and made compost until 12:45.

November 10. To Takoma Group Health for another blood test. Then to NAL until noon.

November 11. Read and wrote. Cover new valuable book on Ulysses. Haircut and a bit of shopping.

November 12. Made compost with Mommy from 9:00 A.M. to 1:00 P.M. Dinner chez Johnson.

November 13 and 14. Read and rested with some writing.

November 15. Mrs. Rodell thought my book was "too technical" for her and suggested that she give it to Gerard McCauley in New York. So I wrote both of them to go ahead.

November 16. A bit in the garden. Then to NAL for conference of NAL Associates and for library work. It turns out that my copy of Governor Bradford's book on Plymouth Colony is a first trade edition. Home about 3:00 P.M.

November 17. To Group Health at Takoma for another blood test--prothrombin. Mommy goes to store; home at 11:30 A.M. A bit in garden and reading and writing.

November 18 (Saturday). A.M. reading and writing. Mommy helps me make compost in P.M.

November 19. Rain. Mostly reading and writing.

November 20. Reading, writing, and inside chores.

November 21. Reading and writing. Cold. Mommy all day at Red Cross. Lunch here with Mommy and Carol Johnson.

November 22. Very cold. Took weed grasses out of front lawn.

November 23. (Thanksgiving). Robert, Joan, and the children came about noon. Talk. Then chez Mary Alice for dinner. Home about 10:10.

November 24. Robert and family with us. Went for blood test again. Read and talked. Very tired.

November 25. Rain much of the day. The folks left for Charlottesville in late forenoon. Read and wrote a bit.

November 26. Wet and rainy. Read and rested a bit. Carol and Bill Johnson and Les Swindale here for dinner. We showed him my libraries and took him to his hotel.

November 27. Mostly reading. A few odd chores and 2 hours in front garden.

November 28. Finished compost. Read in late P.M.

November 29. Took out leaves in front. Framed Renoir's "By the Seashore." Read and wrote. Painted garden tools.

November 30. Rain all day. Mounted picture. Covered back of another after framing. Read and wrote.

December 1. To Takoma Group Health for blood test. A few chores. Cleaned gutters of leaves and pruned iby. Painted garden tools again.

December 2. Trimmed ivy on west side of new room. Added more leaves and soil to compost. Cleaned other leaves. With Mommy's help, a good day.

December 3. (Sunday). Visited Michelson Gallery for Hebald show and a bit of shopping. Beautiful day. Much reading.

December 4. Second New York agent does not want "the book." Mommy shopping most of this lonesome day. The Johnsons here for "Children's Hour."

December 5. Mommy at Red Cross until 12:30, then lunch and Prince George"s Plaza. A chat with the Dykes.

December 6. Mommy takes me to old office. I talked with Johnson, Flach, McClelland, and others. It rained and I took a cab to D.C. Group Health for visit with Rosenbaum. He said I could stop the coumadin and go back to former arthritis medication. Home about 6:00 P.M.

December 7. Some reading and writing. Another lonesome day.

December 8. A while in the garden. In afternoon called on Mrs. Walster and later the Zanders. Came back in heavy rain.

December 9. Rain in forenoon. Reading and some writing.

December 10. Mostly reading and speculation.

December 11. Talk with Randall Thorne and reading.

December 12. A few chores and reading for Soviet paper.

December 13. Wrote a bit on Soviet paper, history of Commission V.

December 14. Read, worked on Soviet paper, and a bit of shopping. Ordered three books (They never came).

December 15. Wrote on Soviet paper and a little shopping.

December 16. Wrote on Soviet paper--went slowly. Very cold. Dinner with party <u>chez</u> Austins.

December 17 (Sunday). Read. Dykes called. In evening <u>chez</u> Johnsons.

December 18. Read and wrote. Sent manuscript of "the book" to Nyle Brady.

December 3. (Sunday). Visited Michelson Gallery for Herald show and a bit of shopping. Beautiful day. Much reading.

December 4. Second New York agent does not want "the book." Nommy shopping most of this lonesome day. The Johnsons here for Children's Hour."

December 5. Nommy at Red Cross until 12:30, then lunch and Prince George's Class. A chat with the Dykes.

December 6. Nommy takes me to old office. I talked with Johnson, Sibson, McClelland, and others. It rained and I took a cab to D.C. Group Health for visit with Rosenhaus. He said I could stop the Dromedin and go back to former arthritis medication. Home about 6:00 P.M.

December 7. Some reading and writing. Another lonesome day.

December 8. A while in the garden. In afternoon called on Mrs. Walster and later the Sanders. Came back in heavy rain.

December 9. Rain in forenoon. Reading and some writing.

December 10. Mostly reading and speculation.

December 11. Talk with Randall Thorne and reading.

December 12. A few chores and reading for Soviet paper.

December 13. Wrote a bit on Soviet paper, history of Communism V.

December 14. Read, worked on Soviet paper, and a bit of shopping. Ordered three books (They never came).

December 15. Wrote on Soviet paper and a little shopping.

December 16. Wrote on Soviet paper--went slowly. Very cold. Dinner with party <u>chez</u> Austins.

December 17 (Sunday). Read. Dykes called. In evening <u>chez</u> Johnsons.

December 18. Read and wrote. Sent manuscript of "the book" to Kyle Brady.

December 19. Cleaned leaves out of about 2/3 of rock garden.

December 20. In old office. Mommy took me in. A bit dull. SCS Christmas party. Home late in old car pool.

December 21. Finished taking leaves out of rock garden. Wrote a long letter about a poor article sent me by the University of Chicago Press.

December 22. Finished Chicago letter. Read some. "Children's Hour" chez Thorne. Mary Alice, Bob, Stephanie and Randall chez nous for dinner.

December 23. Read and wrote a very little. Tired for some reason. Evening party with wine and cheese chez Orvedals.

December 24. Prepare to go to Charlottesville. Left about 10:00 A.M. Arrived about 12:30. Late dinner. Put together toys. Very late to bed.

December 25. Read and talked. Christmas in early A.M.

December 26. Went early to University of Virginia Library. Leave for home about 10:30 A.M. At home about 1:00 P.M. Mommy goes for Shem. Had receipt notice that manuscript delivered to Brady.

December 27. Went to Group Health, Takoma to pick up medicine. Called at Mary Alice'. Read proof of paper for Rubber Company.

December 28. Got haircut. Learned that a deep trench will be dug on 41st Avenue for water pipe.

December 29. Mostly read and wrote. Mommy away most of day. Stephanie here for night.

December 30. Framed a print. Wrote letters and read. Dull rainy day.

December 31. Rainy. Read. "Redskins" beat "Dallas" for championship football of National League.

December 19. Cleaned leaves out of about 2/3 of rock garden.

December 20. In old office. Mommy took me in. A bit dull. SCS Christmas party. Home late in old car pool.

December 21. Finished taking leaves out of rock garden. Wrote a long letter about a poor article sent me by the University of Chicago Press.

December 22. Finished Chicago letter. Read some. "Children's Hour" <u>when</u> Thorne. Mary Alice, Bob, Stephanie and Randall <u>came home</u> for dinner.

December 23. Read and wrote a very little. Tired for some reason. Evening party with wine and cheese <u>when</u> Orvedals.

December 24. Prepare to go to Charlottesville. Left about 10:00 A.M. Arrived about 12:30. Late dinner. Put together toys. Very late to bed.

December 25. Read and talked. Christmas in early A.M.

December 26. Went early to University of Virginia Library. Leave for home about 10:30 A.M. At home about 1:00 P.M. Mommy goes for Shaw. Had receipt notice that manuscript delivered to Brady.

December 27. Went to Group Health, Takoma to pick up medicine. Called at Mary Alice's. Read proof of paper for Rubber Company.

December 28. Got matinee. Learned that a deep trench will be dug on Nist Avenue for water pipe.

December 29. Mostly read and wrote. Mommy away most of day. Stephanie here for night.

December 30. Framed a print. Wrote letters and read. Dull rainy day.

December 31. Rainy. Read. "Redskins" beat "Dallas" for championship football of National League.